Comp9322 Dentist Chatbot

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Prerequisite

docker, python, wit.ai, swagger, react

you may need "cd chatbotfront", and "npm start", "npm audit fix", when you open frontend chatbotfront.

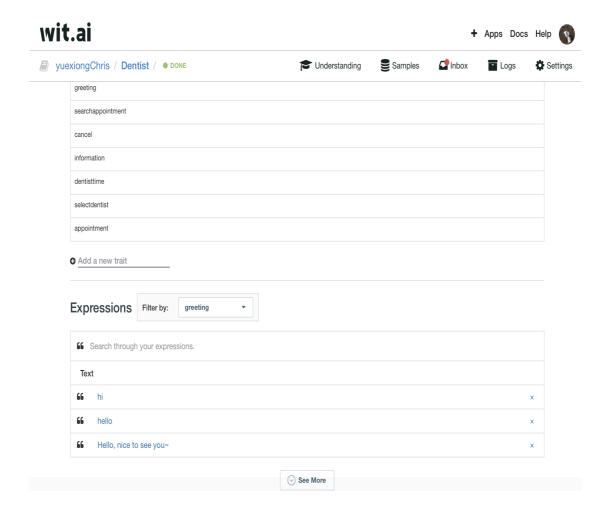
API document: Ask which is chatbot http://0.0.0.0:5001/static/swagger-ui/index.html#/Ask/

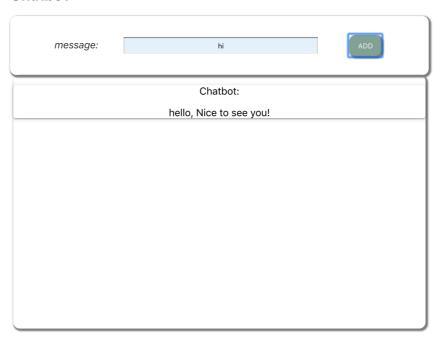
- , Timeslothttp://0.0.0.0:5003/static/swagger-ui/index.html#/
- , $Dentist \underline{http://0.0.0.0:5008/static/swagger-ui/index.html\#/}$

Functions:

1. Basic Greeting.

You can type: hi, hello, Hello, nice to see you~



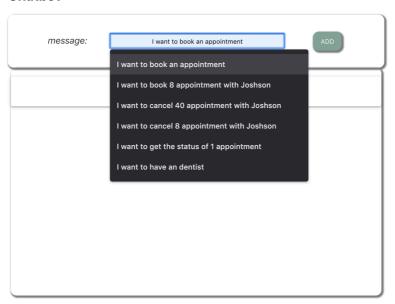


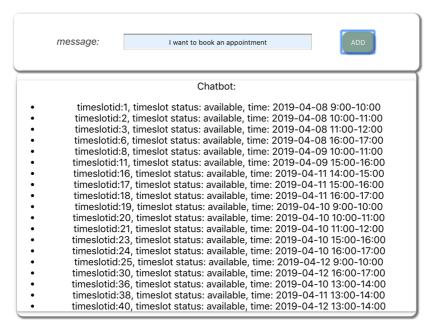
The chatbot will return you the message.

2. Provide all the available timeslots.

You can ask it, "I want to book an appointment"

Chatbot





It would give you all the available timeslots.

3. Book an appointment with dentist.

You can type "I want to book 1 appointment with dentist"

Note: You need to know the id of the timeslot you want to book.

Chatbot



If the timeslot has booked before. It would remind you with a message. "the timeslot booked."

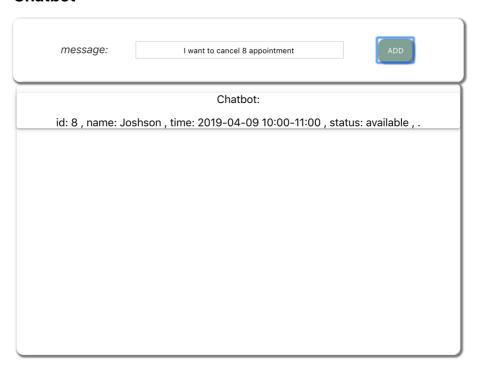
Chatbot



4. Cancel the appointment.

You can type "I want to cancel 1 appointment"

The chatbot would return the new status of the appointment.



5. Get all the dentists information.

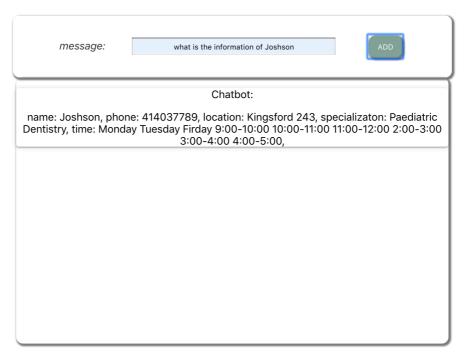
You can type" What are the information of all the dentists", or "I want to have an dentist"

message:	what are the information of all dentist	ADD	
	Chatbot:		
*******1. name: Joshson, phone: 414037789, location: Kingsford 243, specializaton: Paediatric Dentistry, time: Monday Tuesday Firday 9:00-10:00 10:00-11:00 11:00-12:00 2:00-3:00 3:00-4:00 4:00-5:00, ******2. name: Chris, phone: 414896788, location: Randwick 346, specializaton: Orthodontics, time: Wednesday Thurday 9:00-10:00 10:00-11:00 11:00-12:00 2:00-3:00 3:00-4:00 4:00-5:00, ******3. name: Andonis, phone: 414895558, location: Kensington 224, specializaton: Oral Surgery, time: Monday Tuesday Wednesday Thurday Friday 12:00-1:00 1:00-2:00 3:00-4:00 4:00-5:00,			

6. Get the preferred dentist information.

You can type "what is the information of Joshson" Note: You need know the dentist name.

Chatbot



7. Get the preferred dentist timeslots.

You can type "when can I meet with Chris", The chatbot will give you the available timeslots of Chris.

message:	when can I meet with Chris	ADD	
	Chatbot:		
*******1. id: 19, name: Chris, time: 2019-04-10 9:00-10:00, status: available, ******2. id: 20, name: Chris, time: 2019-04-10 10:00-11:00, status: available, ******3. id: 21, name: Chris, time: 2019-04-10 11:00-12:00, status: available, ******4. id: 23, name: Chris, time: 2019-04-10 15:00-16:00, status: available, ******5. id: 24, name: Chris, time: 2019-04-10 16:00-17:00, status: available, ******6. id: 25, name: Chris, time: 2019-04-12 9:00-10:00 status: available, ******7. id: 30, name: Chris, time: 2019-04-12 16:00-17:00, status: available,			

8. The last but not the least. Get available dentists at specific time. You can type "Which dentist have time on Monday" the chatbot will make the time into Date type, Monday is 2019 -04-08, You can also type ". "Which dentist have time on 2019-

